



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBD412-729-041
Job Sheet 174212



Part No: RBD412-729-041

Job Qty: 1 ea

Part Name: Ground Handling Wheels Fits LH or RH (Hydraulic)



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 3/13/18

Job Tracking No:

Due Date: 5/31/18

Created By: Diane Baker

Type: Stock

Description:

Note: DWG RBD3233-041 REV 2 , RBD3330-041 REV 2 , RBD412-729-011 REV 2 IPP Rev.A 17.07.03 New issue
DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	1 pcs	5/30/18	5/30/18	0.00	0.00	Purchasing		NOV 20 2018
120	Packaging	1 pcs	5/30/18	5/30/18	0.00	0.00	Packaging2		NOV 20 2018
130	QC	1 pcs	5/30/18	5/30/18	0.00	0.00	QC6		NOV 21 2018
131	Small Fab	1 pcs	5/31/18	5/31/18	0.00	1.00	Small Fab-3		9-89
132	QC	1 pcs	5/31/18	5/31/18	0.00	0.00	QC5		
140	Packaging	1 pcs	5/31/18	5/31/18	0.00	0.00	Packaging3-1		
150	QC21-SA	1 Ea	5/31/18	5/31/18	0.00	0.00	QC21		NOV 23 2018

Part Op 100 - Issue P/O to Metec : 039256 Machine as per dwg RBD412-729-041 C of C is required
Descriptions: 131 - 1-Transfer drill placard debur holes. 2-Engrave placard using Marktronic 3-Rivet placard 4-Install labels

MAR 13 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
RBD412-729-041P	Ground Handling Wheels Fits LH or RH (Hydraulic)	1 pcs (1 ea)	100-Purchasing	5129708
MS20600-AD4W3	Cherry Rivet	8 Ea (8 ea)	131-Small Fab	
RB41011	Dart Tooling Placard, Aluminum	2 Ea (2 ea)	131-Small Fab	
RBD3309-1	Label, Remove Before Flight	2 Ea (2 ea)	131-Small Fab	
RBD3309-3	Label, Grease Slides	2 Ea (2 ea)	131-Small Fab	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	RBD412-729-041P	1	0	0
131-Small Fab	MS20600-AD4W3	8	215	0
	RB41011	2	943	0
	RBD3309-1	2	6	0
	RBD3309-3	2	6	0

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL : 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Specifications

could not be found.



Container No: S129709



Part: RBD412-729-041

Job No: 174212

Serial No/Batch: S129709

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 11/20/18

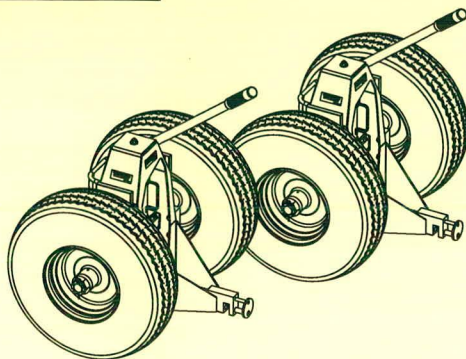
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88
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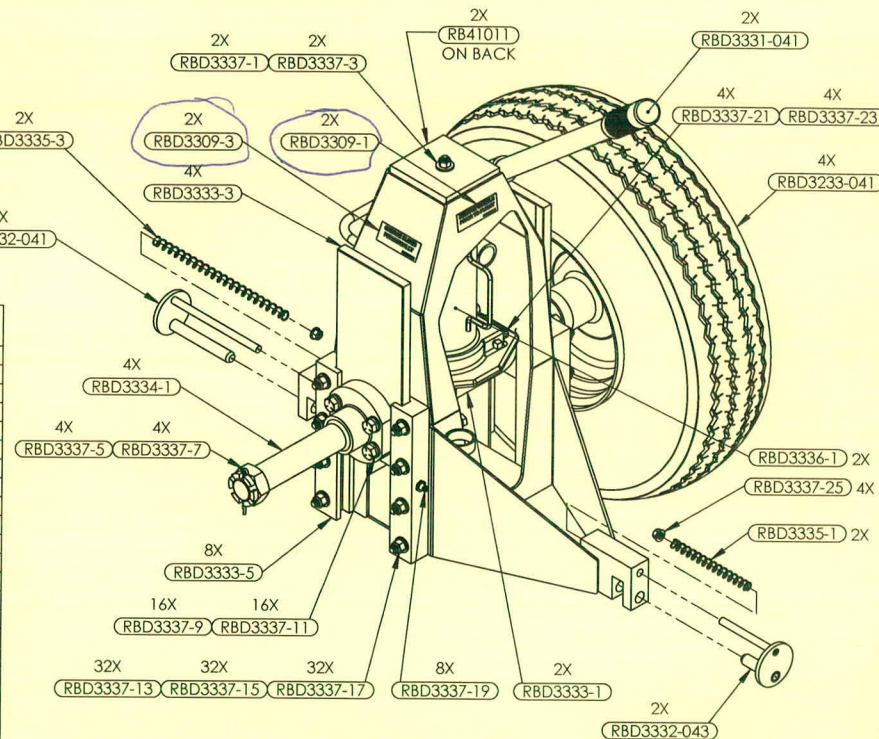
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MAR 13 2010

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REV	ECR	REVISIONS		DATE	INITIAL	APPROVED
		DESCRIPTION				
1		-1 DIM CHD: WAS 21.000 IS 21.0. -4 CHD DO: WAS Ø.332 IS .344.		6/18/2014	RJC	GE
2	16-0039	UPDATED TO NEW DRAFTING STANDARDS. CHD DWG NUMBER WAS RBD412-729-11 IS RBD412-729-011. RBD3332-7 MOVED TO SEPARATE SHEET. RBD3332-9 MOVED TO SEPARATE SHEET. RBD3333-3 CHD DIM WAS .450 IS .460. WAS 1.200 IS 2X 1.200. RBD3333-5 CHD DIM WAS Ø.334 IS Ø.344. RBD3334-1 CHD DIM WAS 7.47 IS 17.47. RBD3334-3 CHD B/O WAS 1/4-20 X Ø1 IS 1/4-20 X 1. RBD3337-13 CHD DIM WAS 1-1/2 IS 1-3/4. RBD3309-3 MOVED TO SEPARATE SHEET. RBD3335-3 MOVED TO NEW SHEET. CHD PLACARD WAS RBD1009 IS RBD1011.		2/16/2016	SM	JAG



ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
					RBD3233-041	4	WHEEL ASSY			1
					RBD3330-041	2	FRAME WELDMENT			1
		X			RBD3331-041	2	HANDLE ASSY			2
		1			RBD3331-1	1	HANDLE	DOM		3
		1	B/O		RBD3331-3	1	DOWEL PIN	STEEL	Ø3/16 X 1 (MCMASTER-CARR # 98381A510)	2
		1	B/O		RBD3331-5	1	GRIP	VINYL	FITS 7/8 IN OD TUBING x 4-3/4 IN LONG (MCMASTER-CARR # 97045K491, BLACK)	2
	X				RBD3332-041	2	PIN ASSEMBLY			4
	1	1			RBD3332-1		HANDLE	1018/1020 CR		9
		1			RBD3332-3		PIN	1018/1020 CR		7
		1			RBD3332-5		SHAFT	1018/1020 CR		8
X					RBD3332-043	2	PIN ASSEMBLY			5
1					RBD3332-7		PIN	1018/1020 CR		9
	1				RBD3332-9		SHAFT	1018/1020 CR		10
					RBD3333-1	2	BASE PLATE	4140/4142		11
					RBD3333-3	4	SLIDING PLATE	4140/4142		12
					RBD3333-5	8	RAIL	1018/1020 CR		13
					RBD3334-1	4	WHEEL SHAFT	4140/4142		14
					RBD3335-1	2	SPRING	STEEL	VICTORY SPRING # D3335 (MODIFIED)	15
					RBD3335-3	2	SPRING	STEEL	VICTORY SPRING # D3335 (MODIFIED)	16
X					RBD3336-1	2	JACK ASSY	NORCO #76508 (MODIFIED)		17
1				B/O	RBD3336-3		STUD	STEEL	1/4-20 X 1 (MCMASTER-CARR #98750A011)	17
				B/O	RBD3337-1	2	NYLOCK NUT	STEEL	1/4-20 (MCMASTER-CARR # 95615A120)	1
				B/O	RBD3337-3	2	WASHER	1/4 (MCMASTER-CARR # 91081A129)		1
				B/O	RBD3337-5	4	SLOTTED NUT	STEEL	1-1/4 (MCMASTER-CARR # 95030A320)	1
				B/O	RBD3337-7	4	COTTER PIN	STEEL	Ø1/8 X 2 (MCMASTER-CARR # 98338A200)	1
				B/O	RBD3337-9	16	HEX HEAD CAP SCREW	STEEL	3/8-24 X 1-1/4 (MCMASTER-CARR # 92865A217)	1
				B/O	RBD3337-11	16	LOCK WASHER	STEEL	3/8 (MCMASTER-CARR # 91102A760)	1
				B/O	RBD3337-13	32	HEX HEAD CAP SCREW	STEEL	5/16-18 X 1-3/4 (MCMASTER-CARR # 91247A589)	1
				B/O	RBD3337-15	32	FLAT WASHER	STEEL	5/16 (MCMASTER-CARR # 90126A030)	1
				B/O	RBD3337-17	32	NYLOCK NUT	STEEL	5/16-18 (MCMASTER-CARR # 95615A160)	1
				B/O	RBD3337-19	8	GREASE FITTING	STEEL	1/8 NPT (MCMASTER-CARR # 1095K65)	1
				B/O	RBD3337-21	4	SOCKET HEAD CAP SCREW	STEEL	1/4-20 X 3/4 (MCMASTER-CARR # 91251A540)	1
				B/O	RBD3337-23	4	FLAT WASHER	STEEL	1/4 (MCMASTER-CARR # 91090A105)	1
				B/O	RBD3337-25	4	NYLOCK NUT	STEEL	5/16-24 (MCMASTER-CARR # 97135A225)	1
				B/O	RBD3309-1	2	LABEL, REMOVE BEFORE FLIGHT	SIGNS NOW		18
				B/O	RBD3309-3	2	LABEL, GREASE SLIDES	SIGNS NOW		19
				B/O		2	DART PLACARD	ALUMINUM	RB41011	N/S
				B/O		1	CRATE		CRATE (4d) 44 X 24 X 24, ISPM-15 CERTIFIED (SPECIALTY CRATE)	N/S

NOTE:

- 1) APPLY RUST INHIBITOR ON ALL PARTS AND AREAS NOT PROTECTED BY PAINT OR GREASE. RUST INHIBITOR POSSIBLE SUPPLIER: ACKLANDS-GRANGER INC., P/N LPSC30316.
- 2) USED ON BELL MODELS 204, 205, 212, 214, 412, UH1, 222, 230, & AH1.

DART AEROSPACE	
GROUND HANDLING WHEELS	
TITLE	REV 2
DWG NO.	RBD412-729-011
MAT'L	UNLESS OTHERWISE SPECIFIED
FEAT	DIMENSIONS ARE IN INCHES
TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES ± 125
DRAWN BY:	GILBERT
CHECKED:	CLOUGH
OPPS APPR:	ANDERSON
QA APPR:	LINDSAY
APPROVED:	GILBERT
SCALE	1:5
DATE	3/15/2012
SHEET 1 OF 19	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO039286

Supplier: MEM001-VC
Metec Metal Technology Inc.
20 Terry Fox Drive PO Box 781
Vankleek Hill
ON
K0B 1R0 Canada
Phone: 613 678 3957
Fax: 613 678 3956

Attention: Walz, Shigi

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039286
PO Date: 3/13/18
Due Date: 5/31/18
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Phone:

Via: Ground
Pymt Terms: Net 30

Freight Terms:
Special Comments: Delivery Dates TBA

E-MAILED
MAR 12 2018

Items

Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	RBD412-729-041P			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed	5/31/18	1 Ea	0 Ea	1 Ea	\$3,200.00/Ea	\$3,200.00
Line Item Note job# 174209											
2	RBD412-729-041P			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed	5/31/18	1 Ea	0 Ea	1 Ea	\$3,200.00/Ea	\$3,200.00
Line Item Note job# 174210											
3	RBD412-729-041P			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed	5/31/18	1 Ea	0 Ea	1 Ea	\$3,200.00/Ea	\$3,200.00
Line Item Note job# 174211											
4	RBD412-729-041P			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed	5/31/18	1 Ea	0 Ea	1 Ea	\$3,200.00/Ea	\$3,200.00
Line Item Note job# 174212											
5	RBD412-729-041P			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed	5/31/18	1 Ea	0 Ea	1 Ea	\$3,200.00/Ea	\$3,200.00
Line Item Note job# 174213											

1999

1999



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039286

Items											
Line Item	Part	Supplier Part No	Item No	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	RBD412-729-041P			Ground Handling Wheels Fits LH or RH (Hydraulic) As Per Dwg RBD412-729-011 Rev. 2	Firmed	5/31/18	1 Ea	0 Ea	1 Ea	\$3,200.00/Ea	\$3,200.00
					1X	NOV 20 2018					

Line Item Note: job# 174214

Grand Total: \$19,200.00

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

CZ
D.B

Plex 3/13/18 9:07 AM dart.baker.diane

Packing List

Bill Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Ship Dart Aerospace Ltd.
To: 1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada

Shipment No: 24232
Shipment Date: 09-Nov-2018
Ship Via: Pick up at METEC
Order Number: 1526
Order Date: 03/13/18

Customer Code: DART
Phone: (613) 632-9577
PO Number: PO039286 ✓
Terms:

Quantity								
<u>Item</u>	<u>Open</u>	<u>Shipped</u>	<u>B/O</u>	<u>Canceled</u>	<u>Unit</u>	<u>Description</u>	<u>Revision</u>	<u>Job Number</u>
1	4	4 ✓	0	0	EA	DART-RBD412-729-041P RBD412-729-041 Ground Handling Wheel - fits LH or RH (hydraulic), dwg # RBD412-729-011 REV.2		1526-01

The delivered goods must be inspected upon receipt to confirm compliance. Should there be discrepancies please notify METEC within 30 days of delivery. The goods are otherwise deemed accepted.

Received In Good Order By



20 Terry Fox Drive, Vankleek Hill, Ontario K0B 1R0

Tel. (613) 678-3957 & (613) 678-2782 Fax (613) 678-3956 metec@metec.ca

CERTIFICATE OF CONFORMITY

SOLD TO:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, Ont.
K6A 1K7

SHIPPED TO:

same

Quantity	Part Number	Part Name	Dwg Rev#	P.O. Number
4	RDB412-729-041	Ground Handling Wheel – fits LH or RH (hydraulic)	2	PO039286

No deviations for this part

Material supplied by METEC

We hereby certify that the above parts were made in conformance with applicable drawings.

METEC Metal Technology Inc.

George Théorêt

DAS
68
9-89

Vankleek Hill, November 9, 2018

CAC
80
08-14